Amendments to the Specification:

Change(s) applied to document, /K.M.P./ 5/28/2011

Please amend the paragraph that starts on page 1, line ~~4~~ 6, and ends on page 2, line 7 12, as follows:

The present invention is related to the following applications: "Method and Apparatus for Selectively Counting Instructions and Data Accesses", serial no. 10/674,604, attorney docket no. AUS920030478US1; "Method and Apparatus for Generating Interrupts Upon Execution of Marked Instructions and Upon Access to Marked Memory Locations", serial no. 10/675,831, attorney docket no. AUS920030479US1; "Method and Apparatus for Counting Data Accesses and Instruction Executions that Exceed a Threshold", serial no. 10/675,778, attorney docket no. AUS920030480US1; "Method and Apparatus for Counting Execution of Specific Instructions and Accesses to Specific Data Locations", serial no. 10/675,776, attorney docket no. AUS920030481US1; "Method and Apparatus for Debug Support for Individual Instructions and Memory Locations", serial no. 10/675,751, attorney docket no. AUS920030482US1; "Method and Apparatus to Autonomically Select Instructions for Selective Counting", serial no. 10/675,721, attorney docket no. AUS920030483US1; "Method and Apparatus to Autonomically Count Instruction Execution for Applications", serial no. 10/674,642, attorney docket no. AUS920030484US1; "Method and Apparatus to Autonomically Take an Exception on Specified Instructions", serial no. 10/674,606, attorney docket no. AUS920030485US1; "Method and Apparatus to Autonomically Profile Applications", serial no. 10/675,783, attorney docket no. AUS920030486US1; "Method and Apparatus for Counting Instruction and Memory Location Ranges", serial no. 10/675,782, ~~10/675,783~~, attorney docket no. AUS920030487US1; "Method and System for Autonomic Performance Improvements in an Application Via Memory Relocation", serial no. 10/682,436, ~~10/675,872~~, attorney docket no. AUS920030490US1; "Method and Apparatus for Autonomic Monitoring of Semaphore Operations in an Application", serial no. 10/682437, attorney docket no. AUS920030491US1; all of which are assigned to the same assignee, and incorporated herein by reference.

Change(s) applied to document, /D.A.M./ 6/9/2011